

APPENDIX A

Data Tables

The data tables listed in this appendix are accessible on CD or <https://saer.llnl.gov/>. In the electronic version of this appendix, the data tables listed below are linked to the tables, which are read-only Excel files.

A.1 Air Effluent (Chapter 4)

- A.1.1 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore Site, Building 235, 2012
- A.1.2 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore site, Building 491, 2012
- A.1.3 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore Site, Building 695, 2012
- A.1.4 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission points at Livermore Site, Building 332, 2012
- A.1.5 Summary of tritium in air effluent samples (Bq/m^3) from the monitored emission points at Livermore Site, Building 331, 2012
- A.1.6 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Site 300, Building 801, 2012
- A.1.7 Summary of gross alpha and gross beta ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore Site, Building 581, 2012
- A.1.8 Summary of representative gamma suite for radioactive particulate (uBq/m^3) in air effluent samples from the monitored emission points at Livermore Site, Building 581, 2012
- A.1.9 Summary of tritium in air effluent samples (Bq/m^3) from the monitored emission points at Livermore, Building 581, 2012
- A.1.10 Summary of tritiated particulate ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore Site, Building 581, 2012
- A.1.11 Summary of Iodine-131 ($\mu\text{Bq}/\text{m}^3$) in air effluent samples from the monitored emission point at Livermore Site, Building 581, 2012

A.2 Ambient Air (Chapter 4)

- A.2.1 Weekly gross alpha and gross beta concentrations ($\mu\text{Bq}/\text{m}^3$) from air particulate samples from the Livermore perimeter locations, 2012
- A.2.2 Tritium concentrations (mBq/m^3) in air on the Livermore Site, 2012
- A.2.3 Beryllium concentration (pg/m^3) in air particulate samples at the Livermore Site and Site 300, 2012
- A.2.4 Beryllium-7 concentrations (mBq/m^3) composite for Livermore Site and Site 300 air particulate samples, 2012
- A.2.5 Plutonium-239+240 concentrations (nBq/m^3) in air particulate samples from the Livermore perimeter and Site 300 perimeter composite, 2012
- A.2.6 Uranium mass concentrations (pg/m^3) in air particulate samples from Livermore Site (composite) and Site 300 onsite and offsite locations, 2012
- A.2.7 Weekly gross alpha and gross beta concentrations ($\mu\text{Bq}/\text{m}^3$) from air particulate samples from the Livermore Valley downwind locations, 2012
- A.2.8 Tritium concentrations (mBq/m^3) in air, Livermore Valley, 2012
- A.2.9 Weekly gross alpha and gross beta concentrations ($\mu\text{Bq}/\text{m}^3$) from air particulate samples from Livermore Valley upwind location and the special interest location, 2012
- A.2.10 Plutonium-239+240 concentrations (nBq/m^3) in air particulate samples from the Livermore Valley, 2012

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- A.2.11 Tritium concentrations (mBq/m³) in air, Site 300, 2012
- A.2.12 Weekly gross alpha and gross beta concentrations (μBq/m³) from air particulate samples from Site 300 onsite and offsite locations, 2012
- A.2.13 Iodine-131 concentrations (μBq/m³) in air TEDA samples from the Livermore Valley, 2012
- A.2.14 Tritiated Particulate concentrations (mBq/m³) in air particulate samples from the Livermore Site, 2012
- A.2.15 Fukushima Daiichi Nuclear Power Plant related results

A.3 Livermore Site Wastewater (Chapter 5)

- A.3.1 Daily monitoring results for tritium in the Livermore Site sanitary sewer effluent, 2012
- A.3.2 Daily flow totals for Livermore Site sanitary sewer effluent (ML), 2012
- A.3.3 Monthly and annual flow summary statistics for Livermore Site sanitary sewer effluent (ML), 2012
- A.3.4 Monthly monitoring results for physical and chemical characteristics of the Livermore Site sanitary sewer effluent, 2012
- A.3.5 Monthly monitoring results for gross alpha, gross beta and tritium in Livermore Site sanitary sewer effluent, 2012
- A.3.6 Weekly composite metals in Livermore Site sanitary sewer effluent, 2012

A.4 Storm Water (Chapter 5)

No Samples taken in 2012

A.5 Livermore Site Groundwater (Chapter 5)

- A.5.1 Livermore Site metals surveillance wells, 2012
- A.5.2 Livermore Site Buildings 514 and 612 area surveillance wells, 2012
- A.5.3 Livermore Site near Decontamination and Waste Treatment Facility (DWTF) surveillance wells, 2012
- A.5.4 Livermore Site East Traffic Circle Landfill surveillance wells, 2012
- A.5.5 Livermore Site Tritium Facility surveillance wells, 2012
- A.5.6 Livermore Site perimeter off-site surveillance wells, 2012
- A.5.7 Livermore Site perimeter on-site surveillance wells, 2012
- A.5.8 Livermore Site near the National Ignition Facility (NIF) surveillance wells, 2012
- A.5.9 Livermore Site Taxi Strip surveillance wells, 2012
- A.5.10 Livermore Site background surveillance wells, 2012
- A.5.11 Tritium activity in Livermore Valley wells, 2012

A.6 Site 300 Groundwater (Chapter 5)

- A.6.1 Site 300 annually monitored off-site surveillance wells, 2012
- A.6.2 Site 300 off-site surveillance well CARNRW1, 2012
- A.6.3 Site 300 off-site surveillance well CARNRW2, 2012
- A.6.4 Site 300 off-site surveillance well CDF1, 2012
- A.6.5 Site 300 off-site surveillance well CON1, 2012
- A.6.6 Site 300 off-site surveillance well CON2, 2012
- A.6.7 Elk Ravine surveillance wells, Site 300, 2012
- A.6.8 Site 300 off-site surveillance well GALLO1, 2012
- A.6.9 Site 300 potable supply well 18, 2012
- A.6.10 Site 300 potable supply well 20, 2012

A.7 Other Water (Chapter 5)

A.7.1 Radioactivity (Bq/L) in surface and drinking water in Livermore Valley, 2012

A.8 Soil (Chapter 6)

A.8.1 Radionuclides in soil in the Livermore Valley, 2012

A.8.2 Radionuclides and beryllium in soil at Site 300, 2012

A.9 Ambient Radiation (Chapter 6)

A.9.1 Calculated dose from TLD environmental radiation measurements, Livermore Site perimeter, 2012

A.9.2 Calculated dose from TLD environmental radiation measurements, Livermore Valley, 2012

A.9.3 Calculated dose from TLD environmental radiation measurements, Site 300 vicinity, 2012

A.9.4 Calculated dose from TLD environmental radiation measurements, Site 300 perimeter, 2012